

Appendix D

Children's Literature Related to Math Concepts



The following list contains a variety of children's literature titles. These books create a context for math ideas and support the understanding of math topics.

Following each title, you will note a (P) designating that the book works well with primary (K–2) students or an (I) designating that it works well with intermediate (3–6) students. At times you will note that the book works at both levels (P/I).

Addition

- Animals on Board.* Stuart J. Murphy. HarperCollins, 1998. (P)
A Collection for Kate. Barbara deRubertis. Kane Publishing, 1999. (P)
A Fair Bear Share. Stuart J. Murphy. HarperCollins, 1998. (P)
Dinner at the Panda Palace. Stephanie Calmenson. HarperCollins, 1995. (P)
Double the Ducks. Stuart J. Murphy. HarperCollins, 2003. (P/I)
Fish Eyes. Lois Ehlert. Voyager/HBJ, 1990. (P)
Jack the Builder. Stuart J. Murphy. HarperCollins, 2006. (P)
Just Enough Carrots. Stuart J. Murphy. HarperCollins, 1997. (P)
Math Fables: Lessons That Count. Greg Tang. Scholastic Press, 2004. (P)
Mission Addition. Loreen Leedy. Holiday House, 1997. (P/I)
Monster Math Picnic. Grace Maccarone. Scholastic, 1998. (P)
Mouse Count. Ellen Stoll Walsh. Harcourt Brace & Co., 1991. (P)
1, 2, 3 to the Zoo. Eric Carle. Philomel Books, 1996. (P)

Quack and Count. Keith Baker. HMH Books for Young Readers, 2004. (P)
12 Ways to Get to 11. Eve Merriam. Simon & Schuster, 1993. (P)
Ready, Set, Hop! Stuart J. Murphy. HarperCollins, 1996. (P/I)
Rooster's Off to See the World. Eric Carle. Scholastic, 1972. (P/I)
Safari Park. Stuart J. Murphy. HarperCollins, 2001. (P/I)
The Smushy Bus. Leslie Helakoski. Millbrook Press, 2002. (P/I)
Ten for Me. Barbara Mariconda. Sylvan Dell Publishing, 2011. (P)

Algebra

Dinosaur Deals. Stuart J. Murphy. HarperCollins, 2001. (P/I)
Safari Park. Stuart J. Murphy. HarperCollins, 2001. (P/I)

Area

Bigger, Better, Best! Stuart J. Murphy. HarperCollins, 2002. (P/I)
Sam's Sneaker Squares. Nat Gabriel. Kane Press, 2002. (P/I)
Spaghetti and Meatballs for All! Marilyn Burns. Scholastic, 1997. (P/I)

Attributes: Sorting and Classifying

A Pair of Socks. Stuart J. Murphy. HarperCollins, 1996. (P)
The Button Box. Margarette S. Reid. Puffin Books, 1990. (P/I)
Dave's Down-to-Earth Rock Shop. Stuart J. Murphy. HarperCollins, 2000. (P/I)
Frog and Toad Are Friends. "A Lost Button." Arnold Lobel. HarperTrophy, 1970. (P/I)
Grandma's Button Box. Linda Williams Aber. Kane Press, 2002. (P/I)
Hannah's Collections. Marthe Jocelyn. Tundra Books, 2004. (P)
Is It Larger? Is It Smaller? Tana Hoban. HarperTrophy, 1997. (P)
Is It Red? Is It Yellow? Is It Blue? Tana Hoban. Greenwillow Books, 1987. (P)
More, Fewer, Less. Tana Hoban. Greenwillow Books, 1998. (P)
Sam Sorts. Marthe Jocelyn. Tundra Books, 2017. (P)
3 Little Firefighters. Stuart J. Murphy. HarperCollins, 2003. (P)

Capacity

A House for Birdie. Stuart J. Murphy. HarperCollins, 2004. (P)
LuLu's Lemonade. Barbara deRubertis. Kane Press, 2000. (P/I)
Me and the Measure of Things. Joan Sweeny. Scholastic, 2001. (P/I)
Millions to Measure. David Schwartz. HarperCollins, 2003. (I)
Pastry School in Paris: An Adventure in Capacity. Cindy Neuschwander. Henry Holt and Co., 2009. (P/I)
Pigs in the Pantry: Fun with Math and Cooking. Amy Axelrod. Simon & Schuster, 1999. (P/I)
Room for Ripley. Stuart J. Murphy. HarperCollins Mathstart Series, 1999. (P/I)
What's Up with That Cup? Sheila Keenan. Scholastic, 2000. (P/I)

Comparing Numbers

Albert Keeps Score. Daphne Skinner. Kane Press, 2012. (P)
Just Enough Carrots. Stuart J. Murphy. HarperCollins, 1997. (P)
More or Less. Stuart J. Murphy. HarperCollins, 2005. (P)

Coordinate Grids

The Fly on the Ceiling. Dr. Julie Glass. Random House, 1998. (I)

Counting: Basic Number Concepts

Anno's Counting House. Mitsumasa Anno. Putnam Publishing Group, 1982. (P/I)
Bears at the Beach. Niki Yektai. Millbrook, 1996. (P)
Count on Pablo. Barbara deRubertis. Kane Publishing, 1999. (P/I)
Counting Cockatoos. Stella Blackstone. Scholastic, 2006. (P)
Counting Crocodiles. Judy Sierra. Scholastic, 1997. (P)
Deep in the Swamp. Donna Bateman. Scholastic, 2007. (P)
Dinner at the Panda Palace. Stephanie Calmenson. HarperCollins, 1995. (P/I)
Emeka's Gift: An African Counting Story. Ifeoma Onyefulu. Puffin, 1999. (P/I)
Every Buddy Counts. Stuart J. Murphy. HarperCollins, 1997. (P)
Feast for 10! Cathryn Falwell. Houghton Mifflin, 1995. (P/I)
From One to One Hundred. Teri Sloat. Puffin, 1995. (P/I)
Grandma's Tiny House. JaNay Brown-Wood. Charlesbridge, 2017. (P)
Henry Keeps Score. Daphne Skinner. Kane Press, 2001. (P)
How Many, How Many, How Many. Rick Walton. Candlewick Press, 1993. (P)
How Many Snails? Paul Giganti Jr. William Morrow & Co., 1994. (P/I)
Island Counting. Frane Lessac. Candlewick, 2007. (P)
The King's Commissioners. Aileen Friedman. Scholastic, 1994. (I)
Look! Jeff Mack. Philomel Books, 2015. (P)
Monster Math. Grace Maccarone. Scholastic, 1995. (P)
One Gorilla. Atsuko Morozumi. Farrar, Straus & Giroux, 1993. (P/I)
One Watermelon Seed. Celia Barker Lottridge. Stoddart Publishing, 1997. (P) Only
One. Marc Harshman. Dutton Children's Books, 1993. (P)
Splash! Ann Jonas. Greenwillow Books, 1997. (P)
Spunky Monkeys on Parade. Stuart J. Murphy. HarperCollins, 1999. (P/I)
Ten Apples Up on Top. Theo LeSieg. Random House, 1961. (P)
Ten, Nine, Eight. Molly Bang. William Morrow & Co., 1991. (P)
Ten Pigs: An Epic Bath Adventure. Derek Anderson. Scholastic, 2015. (P)
Twenty Big Trucks in the Middle of the Street. Lee Mark. Candlewick Press, 2013.
(P) *Two of Everything.* Lily Toy Hong. Albert Whitman, 1993. (P/I)
Two Ways to Count to Ten. Ruby Dee. Henry Holt & Co., 1988. (P/I)
What Comes in 2's, 3's and 4's? Suzanne Aker. Simon & Schuster, 1992. (P) *When*
Sheep Cannot Sleep. Satoshi Kitamura. Farrar, Straus & Giroux, 1986. (P)

The Wolf's Chicken Stew. Keiko Kasza. G. P. Putnam's Sons, 1987. (P)
Zero is the Leaves on the Tree. Betsy Franco. Tricycle Press, 2009. (P)

Counting by Fives

Leaping Lizards. Stuart J. Murphy. HarperCollins, 2005. (P)
Lots of Ladybugs. Michael Dahl. Picture Window Books, 2005. (P)

Counting by Twos

Eggs and Legs. Michael Dahl. Picture Window Books, 2005. (P/I)

Counting by Tens

Tail Feather Fun. Michael Dahl. Picture Window Books, 2006. (P)
Toasty Toes: Counting by Tens. Michael Dahl. Picture Window Books, 2006. (P)

Counting One Hundred

100 Days of Cool. Stuart J. Murphy. HarperCollins, 2003. (P)
100 School Days. Anne Rockwell. HarperCollins, 2004. (P)
The 100th Day of School. Angela Shelf Medearis. Scholastic, 1996. (P)
100th Day Worries. Margery Cuyler. Simon & Schuster, 1999. (P)
The Night Before the 100th Day of School. Natasha Wing. Grosset & Dunlap, 2005. (P)
One Hundred Hungry Ants. Elinor J. Pinczes. Houghton Mifflin, 1993. (P/I)

Data Analysis: Graphing

Bart's Amazing Charts. Dianne Ochiltree. Scholastic, 2001. (P/I)
The Best Vacation Ever. Stuart J. Murphy. HarperTrophy, 1997. (P)
The Grizzly Gazette. Stuart J. Murphy. HarperCollins, 2002. (I)
Lemonade for Sale. Stuart J. Murphy. HarperCollins, 1998. (P/I)
The Sundae Scoop. Stuart J. Murphy. HarperCollins, 2002. (P)
Tally O'Malley. Stuart J. Murphy. HarperCollins, 2004. (P/I)
Tiger Math—Learning to Graph from a Baby Tiger. Ann Whitehead Nagda and Cindy Bickel. Henry Holt and Co., 2000. (P/I)
Treasure Map. Stuart J. Murphy. HarperCollins, 2004. (P/I)
Where's That Bone? Lucille Recht Penner. Kane Press, 2000. (P)
Who's Got Spots? Linda W. Aber. Kane Press, 2000. (P/I)
X Marks the Spot! Lucille Recht Penner. Kane Press, 2002. (P/I)

Division

Clean-Sweep Campers. Lucille Recht Penner. Kane Press, 2000. (P/I)
Divide and Ride. Stuart J. Murphy. HarperCollins, 1997. (P/I)
The Doorbell Rang. Pat Hutchins. Scholastic, 1986. (P/I)
Eating Fractions. Bruce McMillan. Scholastic, 1991. (P)
Everybody Wins! Sheila Bruce. Kane Press, 2001. (P/I)
The Great Divide: A Mathematical Marathon. Dayle Ann Dodds. Candlewick, 2005. (I)

Jump, Kangaroo, Jump! Stuart J. Murphy. HarperCollins, 1999. (P/I)
A Remainder of One. Elinor Pinczes. Houghton Mifflin, 1995. (P/I)

Estimation/Rounding

Betcha. Stuart J. Murphy. HarperCollins, 1997. (I)
Coyotes All Around. Stuart J. Murphy. HarperCollins, 2003. (P/I)
The Long Wait. Annie Cobb. Kane Press, 2000. (P/I)
Sir Cumference and the Roundabout Battle. Cindy Neuschwander. Charlesbridge, 2015. (I)

Even/Odd

The Crayon Counting Book. Pam Munoz Ryan and Jerry Pallotta. Charlesbridge, 1996. (P/I)
Even Steven and Odd Todd. Kathryn Cristaldi. Scholastic, 1996. (P/I)
Missing Mittens. Stuart J. Murphy. HarperCollins, 2001. (P)
My Even Day. Doris Fisher. Sylvan Dell Publishing, 2007. (P/I)
One Odd Day. Doris Fisher. Sylvan Dell Publishing, 2007. (P/I)

Exponents

Can You Count to Googol? Robert E. Wells. Albert Whitman, 2000. (I)
On Beyond a Million—An Amazing Math Journey. David M. Schwartz. Random House, 1999. (I)

Factorials

Anno's Mysterious Multiplying Jar. Masaichiro and Mitsumasa Anno. Philomel Books, 1983. (I)

Fractions

Clean-Sweep Campers. Lucille Recht Penner. Kane Press, 2000. (P/I)
Eating Fractions. Bruce McMillan. Scholastic, 1991. (P)
Fraction Action. Loreen Leedy. Holiday House, 1994. (P/I)
Fraction Fun. David Adler. Holiday House, 1996. (P/I)
Full House. Dayle Ann Dodds. Candlewick Press, 2009. (I)
Give Me Half! Stuart J. Murphy. HarperTrophy, 1996. (P)
Go Fractions! Judith Bauer Stamper. Penguin Putnam, 2003. (P/I)
Inchworm and a Half. Elinor J. Pinczes. Houghton Mifflin, 2001. (P/I)
Jump, Kangaroo, Jump! Stuart J. Murphy. HarperCollins, 1999. (P/I)
The Lion's Share. Matthew McElligott. Bloomsbury, 2009. (I)
My Half Day. Doris Fisher. Sylvan Dell Publishing, 2008. (P/I)
Picture Pie. Ed Emberly. LB Kids, 2006. (I)
Polar Bear Math. Ann Whitehead Nagda and Cindy Bickel. Henry Holt & Co., 2004. (I)
The Wishing Club: A Story About Fractions. Donna Jo Napoli. Henry Holt and Co., 2007. (I)

Geometry/Angles and Advanced Concepts

Hamster Champs. Stuart J. Murphy. HarperCollins, 2005. (I)
Shape Up! David Adler. Holiday House, 1998. (I)
Sir Cumference and the Dragon of Pi. Cindy Neuschwander. Charlesbridge, 1999. (I)

Sir Cumference and the First Round Table. Cindy Neuschwander. Charlesbridge, 1997. (I)
Sir Cumference and the Great Knight of Angleland. Cindy Neuschwander. Charlesbridge, 2001. (I)
Sir Cumference and the Sword in the Cone. Cindy Neuschwander. Charlesbridge, 2003. (I)
What's Your Angle, Pythagorus? Julie Ellis. Charlesbridge, 2004. (I)

Geometry/Shapes

Brown Rabbit's Shape Book. Alan Baker. Scholastic, 1994. (P)
Captain Invincible and the Space Shapes. Stuart J. Murphy. HarperCollins, 2001. (P)
Circles, Triangles, and Squares. Tana Hoban. Simon & Schuster, 1974. (P)
Circus Shapes. Stuart J. Murphy. HarperCollins, 1998. (P)
A Cloak for the Dreamer. Aileen Friedman. Scholastic, 1994. (I)
Grandfather Tang's Story. Ann Tompert. Crown Publishers, 1990. (I)
The Greedy Triangle. Marilyn Burns. Scholastic, 1994. (P/I)
If You Were a Quadrilateral. Molly Blaisdell. Picture Window Books, 2009. (P/I)
Kitten Castle. Mel Friedman and Ellen Weiss. Kane Press, 2001. (P/I)
Math Fair Blues. Sue Kassirer. Kane Press, 2001. (P/I)
Mouse Shapes. Ellen Stohl Walsh. HMH Books for Young Readers, 2007. (P)
Mummy Math: An Adventure in Geometry. Cindy Neuschwander. Square Fish, 2009. (P/I)
Picture Pie. Ed Emberly. LB Kids, 2006. (I)
Pigs on the Ball: Fun with Math and Sports. Amy Axelrod. Simon & Schuster Children's, 2000. (P/I)
Round as a Mooncake. Roseanne Thong. Chronicle Books LLC, 2000. (P/I)
Sam Johnson and the Blue Ribbon Quilt. Lisa Campbell Ernst. Lothrop, Lee & Shepard Books, 1983. (P/I)
The Secret Birthday Message. Eric Carle. HarperTrophy, 1986. (P)
The Shape of Things. Dayle Ann Dodds. Candlewick, 1996. (P/I)
Shapes, Shapes, Shapes. Tana Hoban. Greenwillow Books, 1986. (P)
The Silly Story of Goldie Locks and the Three Squares. Grace Maccarone. Scholastic, 1996. (P/I)
So Many Circles, So Many Squares. Tana Hoban. William Morrow & Co., 1998. (P/I)
Three Pigs, One Wolf, and Seven Magic Shapes. Grace Maccarone. Scholastic, 1997. (P/I)
The Wing on a Flea. Ed Emberley. Little, Brown Children's Books, 2001. (P/I)

Integers

Extreme Temperatures: Learning About Positive and Negative Numbers. John Strazzabosco. Rosen Publishing Group, 2004. (I)
Less Than Zero. Stuart J. Murphy. HarperCollins, 2003. (I)
Positive and Negative Numbers, Oh My! Lisa Arias. Rourke Publishing Group, 2014. (I)

Linear Measurement

The Best Bug Parade. Stuart J. Murphy. HarperCollins, 1996. (P)
Carrie Measures Up. Linda Williams Aber. Kane Press, 2001. (P/I)
Chickens on the Move. Pam Pollack and Meg Belviso. Kane Press, 2002. (P/I)
How Big Is a Foot? Rolf Myller. Yearling Books, 1991. (P)

How Tall How Short How Far Away. David Adler. Holiday House, 1999. (I)
Inch by Inch. Leo Lionni. Scholastic, 1960. (P)
Inchworm and a Half. Elinor J. Pinczes. Houghton Mifflin, 2001. (P/I)
Jim and the Beanstalk. Raymond Briggs. Putnam and Grosset Group, 1970. (P/I)
Keep Your Distance! Gail Herman. Kane Press, 2001. (P/I)
Marta! Big and Small. Jen Arena. Roaring Brook Press, 2016. (P)
Millions to Measure. David Schwartz. HarperCollins, 2003. (I)
Super Sand Castle Saturday. Stuart J. Murphy. HarperCollins, 1998. (P)
Twelve Snails to One Lizard. Susan Hightower. Simon & Schuster, 1997. (P)

Measurement: General (also see Capacity, Linear Measurement, Time, Weight)

How Much Is a Million? David Schwartz. Scholastic, 1985. (I)
Is the Blue Whale the Biggest Thing There Is? Robert E. Wells. Albert Whitman & Co., 1993. (P/I)
Measuring Penny. Loreen Leedy. Henry Holt & Co., 1997. (I)
Millions to Measure. David Schwartz. HarperCollins, 2003. (I)
A Pig is Big. Douglas Florian. Greenwillow Books, 2000. (P)
Super Sand Castle Saturday. Stuart J. Murphy. HarperCollins, 1999. (P)
What's Smaller Than a Pygmy Shrew? Robert E. Wells. Albert Whitman, 1995. (P/I)

Money

Alexander Who Used to Be Rich Last Sunday. Judith Viorst. Atheneum, 1978. (P/I)
Annabelle Swift, Kindergartner. Amy Schwartz. Orchard Books, 1988. (P/I)
Arthur's Funny Money. Lillian Hoban. HarperCollins, 1981. (P/I)
Benny's Pennies. Pat Brisson. Bantam Doubleday Dell, 1995. (P)
Berenstain Bears Trouble with Money. Stan and Jan Berenstain. Random House, 1983. (P)
The Big Buck Adventure. Shelley Gill and Deborah Tobola. Charlesbridge, 2000. (I)
Bunny Money. Rosemary Wells. Penguin Books, 1997. (P)
A Chair for My Mother. Vera B. Williams. Greenwillow Books, 1982. (P/I)
The COIN Counting Book. Rozanne Williams. Scholastic, 2001. (P/I)
Deena's Lucky Penny. Barbara deRubertis. Kane Press, 1999. (P/I)
A Dollar, a Penny, How Much and How Many? Brian P. Cleary. Lerner Publication, 2014. (P/I)
Dollars and Cents for Harriet. Betsy and Giulio Maestro. Crown Books for Young Readers, 1991. (P)
Everybody Wins! Sheila Bruce. Kane Press, 2001. (P/I)
Follow the Money. Loreen Leedy. Scholastic, 2002. (P/I)
Grandma Went to Market. Stella Blackstone. Houghton Mifflin, 1993. (P/I)
How the Second Grade Got \$8,205.50 to Visit the Statue of Liberty. Nathan Zimelman. Albert Whitman & Co., 1992. (P/I)
If You Made a Million. David M. Schwartz. Scholastic, 1989. (I)
Lemonade in Winter: A Book About Two Kids Counting Money. Emily Jenkins. Schwartz & Wade, 2012. (P/I)

Monster Money. Grace Maccarone. Scholastic, 1998. (P)
Monster Money Book. Loreen Leedy. Holiday House, 1992. (I)
The Penny Pot. Stuart J. Murphy. HarperCollins, 1998. (P/I)
Pigs Go to Market. Amy Axelrod. Simon & Schuster, 1997. (P/I)
Pigs Will Be Pigs. Amy Axelrod. Simon & Schuster, 1994. (P/I)
A Quarter from the Tooth Fairy. Caren Holtzman. Scholastic, 1995. (P/I)
Sluggers' Car Wash. Stuart J. Murphy. HarperCollins, 2002. (P/I)
Tightwad Tod. Daphne Skinner. Kane Press, 2001. (P/I)
26 Letters and 99 Cents. Tana Hoban. Scholastic, 1987. (P)
Where the Sidewalk Ends. Shel Silverstein. HarperCollins Children's Books, 1974. (P/I)

Multiplication

Amanda Bean's Amazing Dream. Cindy Neuschwander. Scholastic, 1998. (P/I)
Anno's Magic Seeds. Mitsumasa Anno. Philomel Books, 1995. (I)
Anno's Mysterious Multiplying Jar. Masaichiro and Mitsumasa Anno. Philomel Books, 1983. (I)
The Best of Times. Greg Tang. Scholastic, 2002. (I)
Each Orange Had 8 Slices. Paul Giganti, Jr. Greenwillow Books, 1992. (P/I)
A Grain of Rice. Helena Clare Pittman. Yearling Books, 1986. (I)
The King's Chessboard. David Birch. Turtleback Books, 1998. (I)
The Lion's Share. Matthew McElligott. Bloomsbury, 2009. (I)
Minnie's Diner: A Multiplying Menu. Doyle Ann Dodds. Candlewick Press, 2004. (I)
One Hundred Hungry Ants. Elinor J. Pinczes. Houghton Mifflin, 1993. (P/I)
Pigs Go to Market. Amy Axelrod. Simon & Schuster, 1997. (I)
Stacks of Trouble. Martha F. Brenner. Kane Press, 2000. (P/I)
Too Many Kangaroo Things to Do! Stuart J. Murphy. HarperCollins, 1996. (P/I)
Two of Everything. Lily Toy Hong. Albert Whitman, 1993. (P/I)
2 × 2 = Boo! Loreen Leedy. Holiday House, 1995. (I)
What Comes in 2's, 3's, and 4's? Suzanne Aker. Simon & Schuster, 1990. (P/I)

Numeration: Large Numbers

Anno's Mysterious Multiplying Jar. Masaichiro and Mitsumasa Anno. Philomel Books, 1983. (I)
G Is for Google. David M. Schwartz. Tricycle Press, 1998. (I)
How Much Is a Million? David M. Schwartz. Lothrop, Lee & Shepard Books, 1985. (I)
The King's Chessboard. David Birch. Turtleback Books, 1998. (I)
Minnie's Diner. Doyle Ann Dodds. Candlewick Press, 2004. (I)
On Beyond a Million. David M. Schwartz. Random House, 2001. (I)

Patterns

Beep Beep, Vroom Vroom! Stuart Murphy. HarperCollins, 2000. (P)
Count on Pablo. Barbara deRubertis. Kane Press, 1999. (P/I)
Counting Crocodiles. Judy Sierra. Scholastic, 1997. (P)
The King's Chessboard. David Birch. Turtleback Books, 1998. (I)

Pattern Bugs. Trudy Harris. Millbrook Press, 2001. (P)
Spunky Monkeys on Parade. Stuart J. Murphy. HarperCollins, 1999. (P/I)
Super Specs. Laura Driscoll. Kane Press, 2005. (P/I)
Two Ways to Count to Ten. Ruby Dee. Henry Holt & Co., 1988. (P/I)
What's Next, Nina? Sue Kassirer. Kane Press, 2001. (P/I)

Percents

Fractions, Decimals, and Percents. David A. Adler. Holiday House, 2011. (I)
The Grizzly Gazette. Stuart J. Murphy. HarperCollins, 2002. (I)

Perimeter

Chickens on the Move. Pam Pollack and Meg Belviso. Kane Press, 2002. (P/I)
Racing Around. Stuart J. Murphy. HarperCollins, 2001. (P/I)
Spaghetti and Meatballs for All! Marilyn Burns. Scholastic, 1997. (P/I)

Perseverance/Growth Mindset

Not Yet. Lisa Cox. Dog Ear Publishing, 2017. (P/I)
The Girl Who Never Made Mistakes. Mark Pett and Gary Rubinstein. Sourcebooks Jabberwocky, 2011. (P/I)
The Most Magnificent Thing. Ashley Spires. Kids Can Press, 2014. (P/I)
Your Fantastic Elastic Brain: Stretch It, Shape It. JoAnn Deak. Little Pickle Press, 2010. (P/I)
Mistakes That Worked. Charlotte Foltz Jones. Delacorte Books for Young Readers, 1994. (I)
On a Beam of Light: A Story of Albert Einstein. Jennifer Berne. Chronicle Books, 2016. (I)
Beautiful Oops. Barney Saltzberg. Workman Publishing Company, 2010. (P/I)
Nothing Stopped Sophie: The Story of Unshakable Mathematician Sophie Germain. Cheryl Bardoe. Little, Brown Books for Young Readers, 2018. (I)

Place Value

Can You Count to a Googol? Robert E. Wells. Albert Whitman, 2000. (P/I)
Earth Day—Hooray! Stuart J. Murphy. HarperCollins, 2004. (P/I)
A Place for Zero. Angeline Sparagna LoPresti. Charlesbridge, 2003. (I)
Place Value. David Adler. Holiday House, 2017. (P/I)

Position Words

Duck and Goose Find a Pumpkin. Tad Hills. Schwartz & Wade Books, 2009. (P)
Over and Under the Snow. Kate Messner. Chronicle Books, 2011. (P)
Up Above and Down Below. Sue Redding. Chronicle Books, 2006. (P)

Probability

Bad Luck Brad. Gail Herman. Kane Press, 2002. (P/I)
Pigs at Odds: Fun with Math and Games. Amy Axelrod. Simon & Schuster Children's, 2003. (P/I)
Socrates and the Three Little Pigs. Tuyosi Mori. Penguin Putnam, 1986. (I)

Problem Solving/Reasoning

Anno's Magic Seeds. Mitsumasa Anno. Philomel Books, 1995. (I)
Counting on Frank. Rod Clement. Houghton Mifflin, 1994. (P/I)
The Grapes of Math. Greg Tang. Scholastic, 2004. (P/I)
How Much Is a Million? David Schwartz. Scholastic, 1985. (I)
The King's Chessboard. David Birch. Turtleback Books, 1998. (I)
Math Appeal. Greg Tang. Scholastic, 2003. (P/I)
The Math Curse. Jon Scieszka and Lane Smith. Viking, 1995. (I)
Math for All Seasons: Mind Stretching Math Riddles. Greg Tang. Scholastic, 2005. (P)
Math Potatoes: Mind-Stretching Brain Food. Greg Tang. Scholastic, 2005. (P/I)
Math-terpieces: The Art of Problem Solving. Greg Tang. Scholastic Press, 2003. (P/I)
The 100-Pound Problem. Jennifer Dussling. Kane Press, 2000. (P/I)
Spaghetti and Meatballs for All! Marilyn Burns. Scholastic, 1997. (P/I)
The Sundae Scoop. Stuart J. Murphy. HarperCollins, 2002. (P/I)

Ratio

If You Hopped Like a Frog. David M. Schwartz. Scholastic, 1999. (I)

Subtraction

Elevator Magic. Stuart J. Murphy. HarperCollins, 1997. (P)
Five Little Monkeys Jumping on the Bed. Eileen Christelow. Clarion Books, 1989. (P)
Five Little Monkeys Sitting in a Tree. Eileen Christelow. Clarion Books, 1999. (P)
Just Enough Carrots. Stuart J. Murphy. HarperCollins, 1997. (P)
Lights Out! Lucille Recht Penner. Kane Press, 2000. (P/I)
Math Fables: Lessons That Count. Greg Tang. Scholastic Press, 2004. (P)
Monster Math. Grace Maccarone. Scholastic, 1995. (P)
Monster Musical Chairs. Stuart J. Murphy. HarperCollins, 2000. (P)
Ready, Set, Hop! Stuart J. Murphy. HarperCollins, 1996. (P/I)
Rooster's Off to See the World. Eric Carle. Scholastic, 1972. (P/I)
Shark Swimathon. Stuart J. Murphy. HarperCollins, 2001. (P/I)
The Smushy Bus. Leslie Helakoski. Millbrook Press, 2002. (P/I)
Ten Sly Piranhas. William Wise. Scholastic, 1993. (P)
Up to Ten and Down Again. Lisa Campbell Ernst. HarperTrophy, 1995. (P)

Square Numbers

My Full Moon Is a Square. Elinor J. Pinczes. Houghton Mifflin, 2002. (P/I)
Sea Squares. Joy N. Hulme. Hyperion Paperbacks for Children, 1991. (I)

Symmetry

Let's Fly a Kite. Stuart J. Murphy. HarperCollins, 2000. (P/I)
Seeing Symmetry. Loreen Leedy. Holiday House, 2012. (I)

Time: Days of the Week/Months of the Year

- Chicken Soup with Rice*. Maurice Sendak. Scholastic, 1962. (P)
Chimp Math—Learning About Time from a Baby Chimpanzee. Ann Whitehead Nagda and Cindy Bickel. Henry Holt and Co., 2002. (P/I)
Cookie's Week. Cindy Ward. Scholastic, 1988. (P)
A House for Hermit Crab. Eric Carle. Scholastic, 1987. (P/I)
Pepper's Journal. Stuart J. Murphy. HarperCollins, 2000. (P)
Today Is Monday. Eric Carle. Philomel, 2001. (P)
The Very Hungry Caterpillar. Eric Carle. Scholastic, 1981. (P)

Time: Telling Time and Elapsed Time

- All in a Day*. Mitsumasa Anno, et al. Philomel Books, 1986. (P)
Bats Around the Clock. Kathi Appelt. HarperCollins, 2000. (P/I)
Chimp Math—Learning About Time from a Baby Chimpanzee. Ann Whitehead Nagda and Cindy Bickel. Henry Holt & Co., 2002. (P/I)
Game Time! Stuart J. Murphy. HarperCollins, 2000. (P/I)
Get Up and Go! Stuart J. Murphy. HarperCollins, 1996. (P)
The Grouchy Ladybug. Eric Carle. HarperCollins, 1977. (P)
It's About Time, Max! Kitty Richards. Kane Press, 2000. (P/I)
Nine O'Clock Lullaby. Marilyn Singer. HarperCollins, 1991. (P)
Pepper's Journal. Stuart J. Murphy. HarperCollins, 2000. (P/I)
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